



STEEL CORD BELT

Steel Cord Conveyor Belt

Features

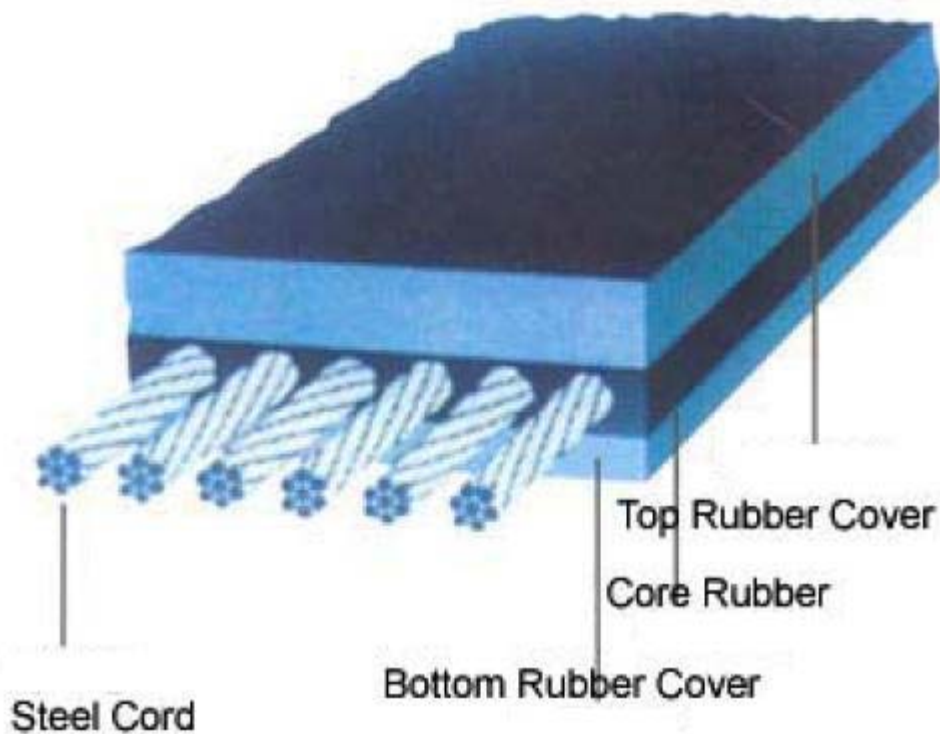
High tensile strength, shock resistant, long-life, good troughable, and flexing resistant, suitable for conveying in long-distant, high-speed and large quantity conveying.

Applications

Used in cement plants, coal-fired power plants, ports, and chemical industry.

Types

Conventional, fire-resistant, cold-resistant, abrasion-resistant, heat-resistant, acid & alkali-resistant and oil-resistant.





STEEL CORD BELT

ST Series Steel Cord Conveyor Belt Technical Data

ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	
longitudinal tensile strength (N/mm)	630	800	1000	1250	1600	2000	2500	3150
the max. diameter of steel cord(mm)	3.0	3.5	4.0	4.5	5.0	6.0	7.5	8.1
the diameter of steel cord (mm)	2.8	3.2	4.0	4.5	4.9	5.7	6.8	7.6
the distance between rolls(mm)	10	10	12	12	12	12	15	15
the thickness of top cover(mm)	5	5	6	6	6	8	8	8
the thickness of bottom cover(mm)	5	5	6	6	6	6	6	8
the reference weight of the belt (kg/m) ²	18	19.5	21.5	22.2	26.1	33.1	35.2	41.1

GX Series Steel Cord Conveyor Belt Technical Data

GX630	GX800				GX1000		GX1250	GX1600	GX2000	GX2500		GX3000
6+7+6	6+7+6	6+7+6	6+7+6	7+9+7	7+9+7	8+11+8		8+12+8				
longitudinal tensile strength(N/mm)				630	800	1000		1250	1600	2000	2500	3000
the max. diameter of steel cord(mm)				4.5	4.5	4.5		4.5	6.0	6.0	7.2	8.3
the distance between rolls(mm)				20	17	13.5		11	20	16	17	18
the thickness of belt(mm)				19	19	19		19	23	23	27	28
the reference weight of the belt(Kg/m) ²				23.6	21.3	25.		25.7	32.2	33.7	40.2	41.9

Steel cord belt standard and major data

Type	Standard and main technical data
Conventional	GB9770
Fire-retardant	HG2539 II type MT147
Conventional flame retardant	HG2539 I type
Heat-resistant	HG2297
Abrasion-resistant	shore abrasion ³ 90mm
Heat abrasion-resistant	resistant 125C, shore abrasion ⁰ 150mm ³
Acid/alkali/oil /resistant	HG4-846
Cold-resistant	fragility temperature -40C ⁰

Min-diameter recommendation of the conveyor roller ST series

Belt specification	ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150
Minimum Pulley Diameter(mm)	500	500	630	800	1000	1000	1250	1400